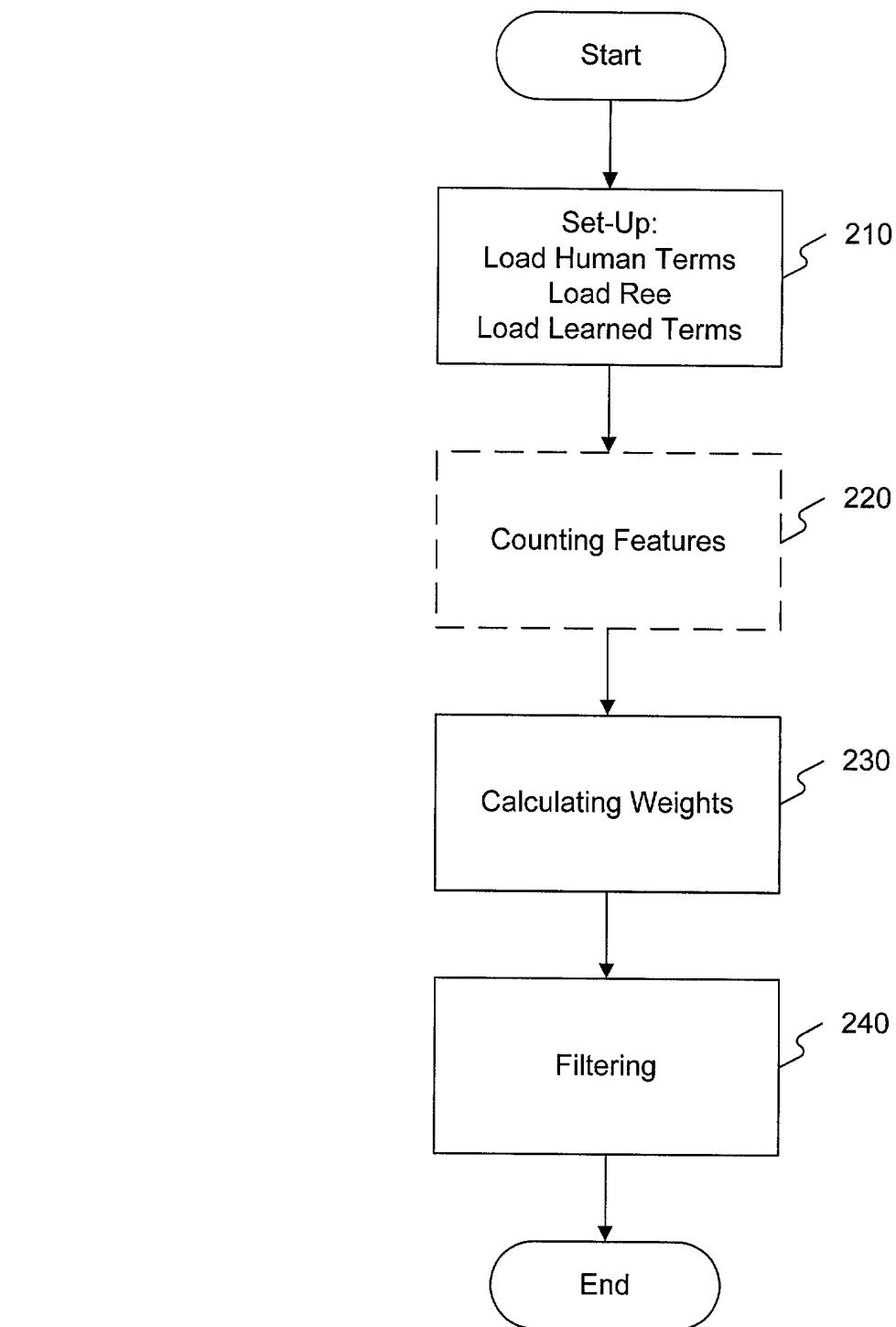


FIG. 1



**FIG. 2**

```

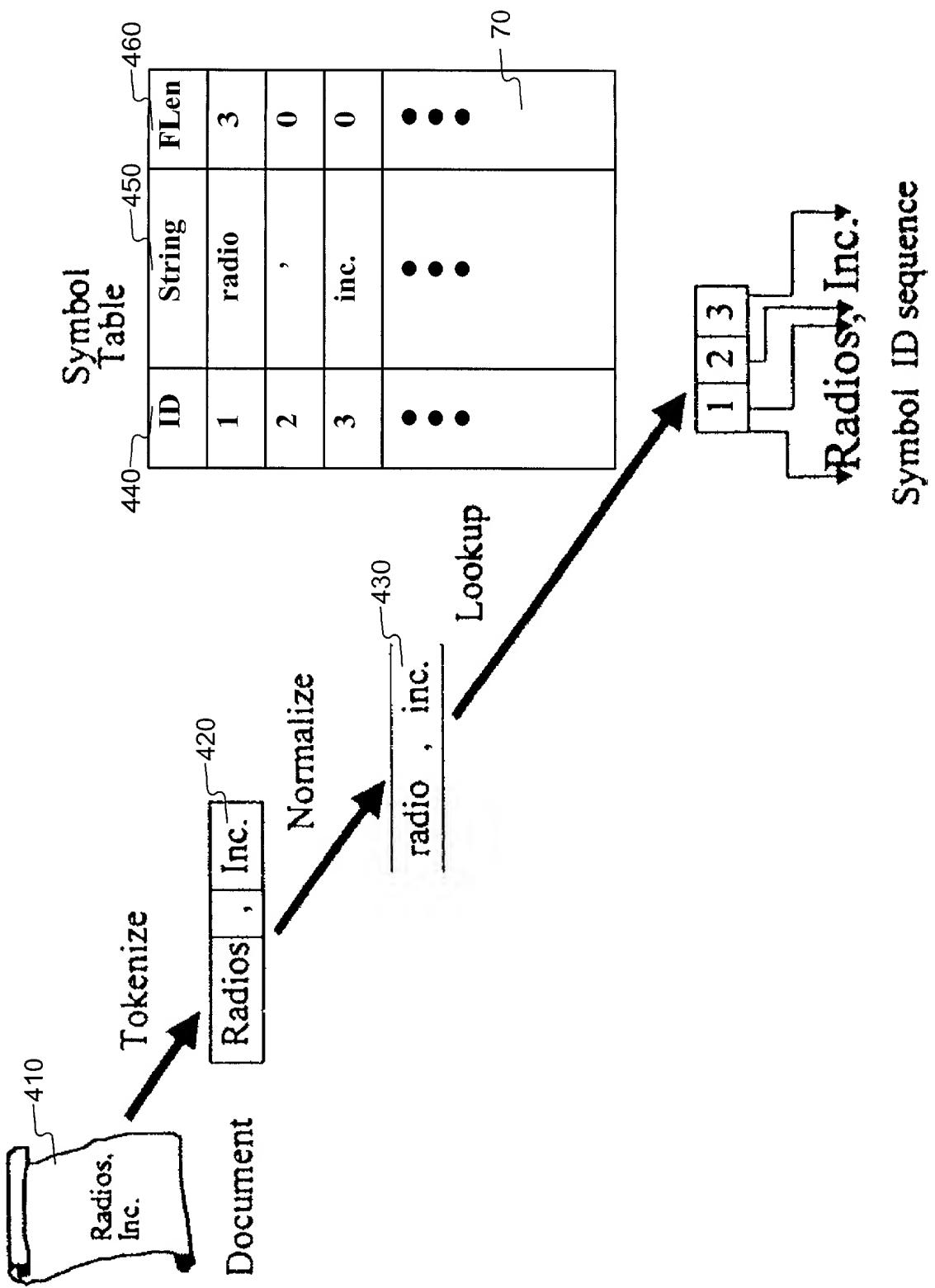
termList {
    term "Windows"           {exactMatch = true;}
    term "SLIP"               {exactMatch = true;}
    term "connectors"         {exactMatch = true;}
    term "Office"              {exactMatch = true;}
    term "Outlook"             {exactMatch = true;}
    term "Chooser"              {exactMatch = true;}
    term "Finder"                {exactMatch = true;}
    term "Ethernet network"     {embeddedTermsAllowed = false;}
    term "network browser"      {embeddedTermsAllowed = false;}
    term "AGP graphics"        {embeddedTermsAllowed = false;}
    term "PDF format"          {embeddedTermsAllowed = false;}
    term "memory partition"     {embeddedTermsAllowed = false;}
    term "memory allocation"     {embeddedTermsAllowed = false;}
    term "ibook firewire"       {embeddedTermsAllowed = false;}
    term "powerbook firewire"     {embeddedTermsAllowed = false;}
    term "Office application"    {exactMatch = true; embeddedTermsAllowed = false;}
    term "Windows application"   {exactMatch = true; embeddedTermsAllowed = false;}
    term "can't login"           {synset = "cantlogin";}
    term "can't log in"          {synset = "cantlogin";}
    term "cannot login"          {synset = "cantlogin";}
    term "cannot log in"         {synset = "cantlogin";}
    term "can not login"         {synset = "cantlogin";}
    term "can not log in"        {synset = "cantlogin";}
}

```

310                          320

20

**FIG. 3**



## Scan for Features

1,2,3 in feature table? Yes: 1000.  
Is there an exception string? Yes: "Apples, Inc."  
Does it match Apples, Inc.? Yes. Output 1000.

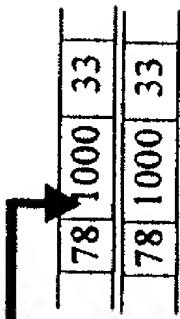
1,2 in feature table? No.

! in feature table? Yes: 100!  
Is there an exception string? Yes: "Apple".  
Does it match Apples? No.

(Flen sized window)

78 1 2 3 33

Apples, Inc. 1



Feature Vector Set

FID	Feature	Exception String	Embeds	Type	Term ID
1000	1, 2, 3	Apples, Inc.	Yes	Org	No
1001	1	Apple	No	Org	Yes
1002	33,387		No	Term	No

ID	String	FLen
1	apple	3
2	j	0
3	inc.	0
33	shelf	0
387	life	0

5  
FIG

610

```
evidence HWTY_monitor
  // description: monitors and displays
  human "monitors and displays" {weight = .9};
  human "monitor"
  human "monitorProxy",
  human "monitor talk";
  human "screen"
  human "displays"
  human "monitor displays"
  human "video monitor" ;
  human "video tape"           {RejectConcept = true};;
  human "video camera"         {RejectConcept = true};;
  human "HDTV",
  human "LCD panel";
  human "LCD projector";
  human "LCD";
  human "LCD";
  human "Liquid Crystal Displays";
  human "Multiscan";
```

630

**FIG. 6**

**FIG. 7**

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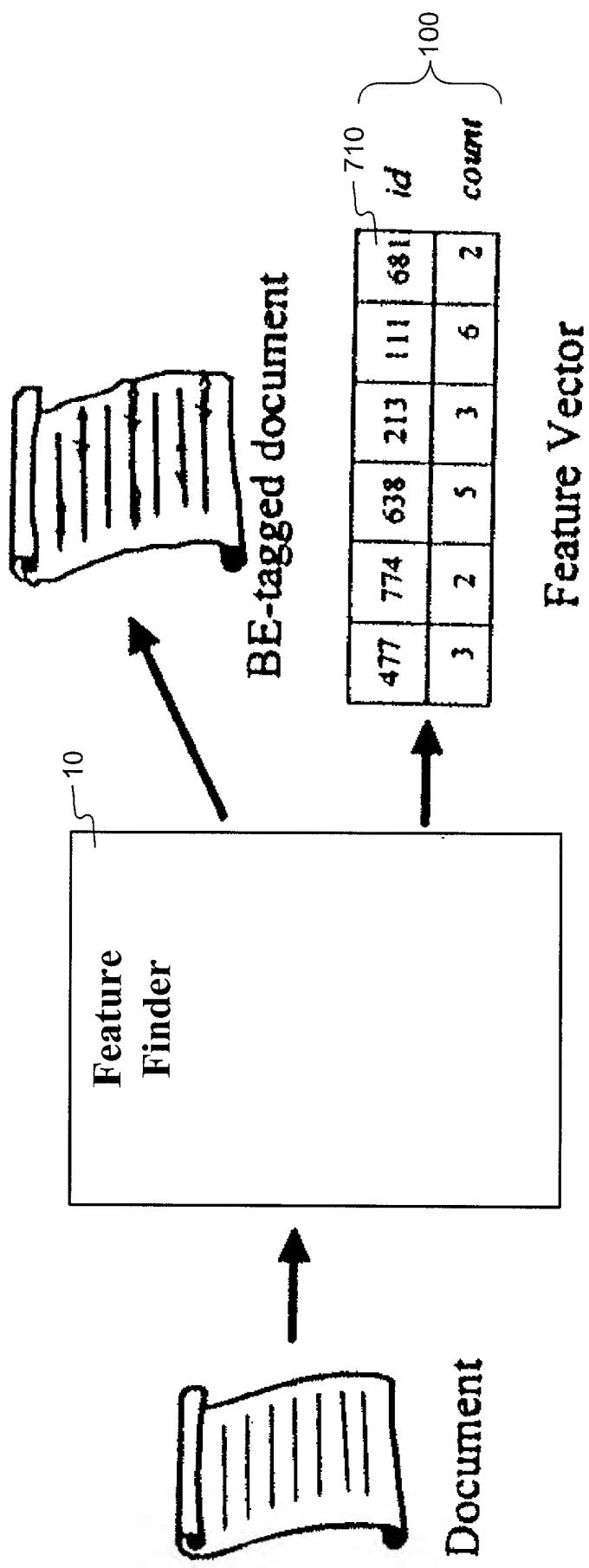


FIG. 8

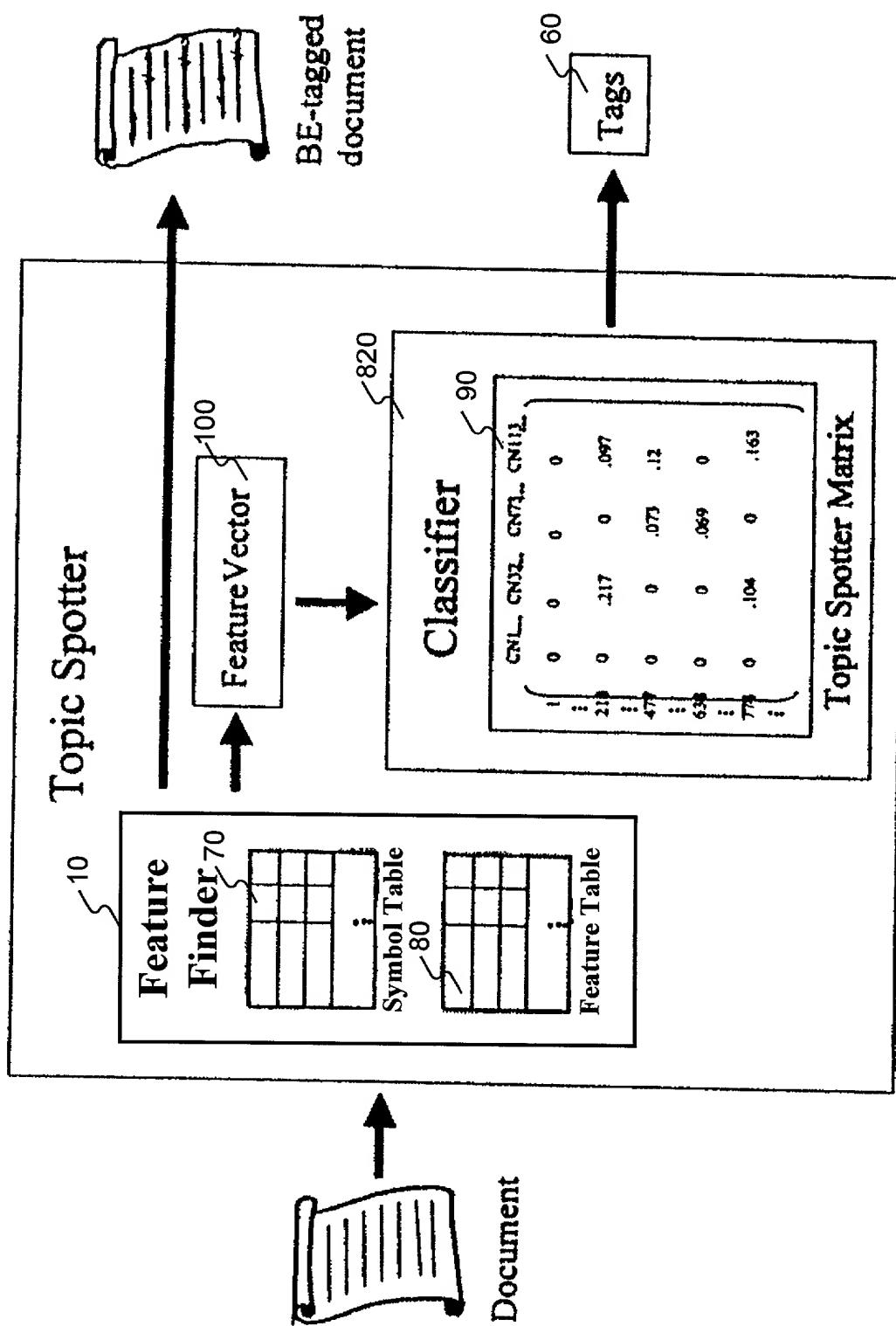


FIG. 9

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$$\begin{aligned} C_i &= \sum W_{ij} * f_j \\ &= \left[ C_i \right] = \left[ W_{ij} \right] * \left[ f_j \right] \end{aligned}$$